



Saint Joseph's College for Women



245-253 CLINTON AVENUE
BROOKLYN, N. Y.

1931-1932

Saint Joseph's College for Women

Conducted by
The Sisters of St. Joseph
BROOKLYN-NEW YORK

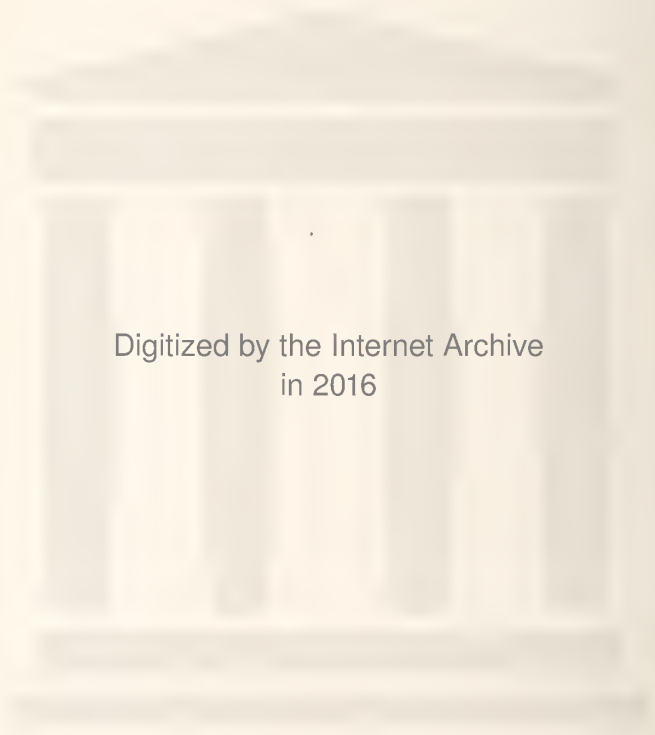


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CATALOGUE
1931-1932

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CALENDAR *for* 1931-1932

1931

- September 7-12 — Registration week.
Condition examinations.
14-15 — Entrance examinations.
18 — Friday, 9.00 A. M.—Mass. Programs.
21 — Monday, 9.00 A. M.—Classes.
- October 5 — Founders' Day (holiday).
- November 3 — Election Day (holiday).
26-27 — Thanksgiving recess.
- December 8 — Feast of the Immaculate Conception (holiday).
23 — Wednesday, 6.00 P. M.—Christmas recess.

1932

- January 4 — Classes resumed.
16-23 — Saturday-Saturday—Mid-Year examinations.
25-26-27 — Retreat.
25-26 — Entrance examinations.
- February 1 — Second Semester.
22 — Washington's Birthday (holiday).
20 — Saturday—Condition examinations.
27 — Saturday—Condition examinations.
- March 23 — Wednesday, 6.00 P. M.—Easter recess.
- April 5 — Tuesday, 9.00 A. M.—Classes resumed.
- May 5 — Ascension Day (holiday).
28-June 4 — Saturday-Saturday—Final examinations.
- June 5 — Sunday—Baccalaureate Sermon.
8 — Commencement.

SCHEDULE OF EXAMINATIONS

CONDITION EXAMINATIONS

1931-1932	9 - 11 - 1	2 - 4 - 6
Monday, Sept. 7	English.	Education.
Tuesday, Sept. 8	Ch. Hist., Religion, Script.	Ethics, Philosophy.
Wed., Sept. 9	Classic Language.	French, German, Spanish.
Thurs., Sept. 10	Mathematics.	Science.
Friday, Sept. 11	History, Social Science.	Physical Education.
<i>Second Semester</i>		
Saturday, Feb. 20	English, Education, P. T.	Ethics, Philosophy, Religion, Scripture.
Saturday, Feb. 27	Foreign Language, Math.	Hist., Soc'l Science, Science.

ENTRANCE EXAMINATIONS

	9.30 - 11.30	1.30 - 3.30
Monday, Sept. 14	English, 4 years.	Foreign Lang., 3 years.
Tuesday, Sept. 15	2d Foreign Lang. (2 yrs.) or Science, 1 yr., and History, 1 yr.	Geometry.
Monday, Jan. 25	English, 4 years.	Foreign Lang., 3 years.
Tuesday, Jan. 26	2d Foreign Lang. (2 yrs.) or Science, 1 yr., and History, 1 yr.	

SCHOLARSHIP EXAMINATIONS

Monday, June 20	English, 4 years.	Achievement Test.
Tuesday, June 21	Religion (Comprehensive).	Math. (Comprehensive).

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Physical Training

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Logic

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Physics

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(Continued)

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HELEN LIVELLARA, M.A.
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Spanish

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English

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ST. JOSEPH'S COLLEGE *for* WOMEN

GENERAL STATEMENT

St. Joseph's College for Women is the product of a very real necessity. Though the metropolitan area abounds in Catholic colleges for women, the counties of Long Island offer no such facility, and a collegiate training was therefore denied to every girl whose strictures of purse or person rendered attendance at a "day" college her sole possibility.

Inspired by that need and motivated by a great love for men and learning, Bishop McDonnell inaugurated the movement that resulted in the granting of a provisional charter by the University of the State of New York on February 24, 1916. Though interest in the new institution was not startling in its proportions, it was progressive and warranted the application for a permanent charter, which was granted on February 22, 1929.

The courses offered in St. Joseph's are those in the Arts and Sciences, and the College is empowered to grant the B.A. and B.S. degrees. The objective is a liberal training, in the best acceptance of that word. It considers the academic approach to be preferable to the professional or vocational, thus retaining the best traditions of the past.

The advances in pedagogy have also been incorporated into the general plan by the allowance of a reasonable election under a rational direction. Nor is the collegiate course considered an estranged unit. The articulation with the secondary training is absolutely concatenated at the expense of the rejection of what might be, with another curriculum, a very desirable clientele. The Faculty further considers it a sacred responsibility to prepare the graduate for a life of action as well as for a future professional career. In the furtherance of this program it holds the Alumnæ an integral part of its trust.

The most apparent but not the primary end of education is the intellectual equipment of the student. Pursuant to this concept, the standard of entrance has been consistently improved and the requirements for continuation as a student have been proportionately elevated.

Fundamentally the method of education has been attuned to the development of a Catholic, American womanhood. Religion, spirituality and morals are taught scientifically in academic courses, and practically by attitude and by exercise. This is exemplified in the operation of the Committee on Religion (a student group with Faculty counsel), and the activities in the interest of social service.

Convinced of the duty of preparing the graduate for citizenship, St. Joseph's offers the maximum possibility of participation in the actual administration. Examinations are conducted by an Honor Court responsible to the student body—and the system functions. Attendance is largely controlled by the undergraduates, and the results are eloquent. Extra-curricular activities are under the executive control of the Undergraduate Association, and every girl must bear her share of the burden. Democracy is not an hypothesis, but a realized fact in achieving operation.

The equipment is modern, complete and entirely adapted to the curriculum. It includes, besides a chapel, classrooms, laboratories, a library, two auditoriums, rest rooms, faculty sanctums and a gymnasium.

The College is accredited under the Association of Colleges and Secondary Schools of the Middle States and Maryland, the University of the State of New York, the Catholic Education Association and the Department of Education of the State of New York. It is a member of the American Council on Education, and the Association of Colleges of the State of New York.

ENTRANCE REQUIREMENTS

PRESCRIBED

English, 4 years	3 units
Elementary Algebra	1 “
Plane Geometry	1 “

ALTERNATIVE

Foreign Language, 3 years	3 “
Foreign Language, 2 years	2 “
Elementary Science	1 “
History	1 “

ELECTIVE

Subjects not offered as part of the above	3 “
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Total 15 units

Average required, 75%

Elective subjects chosen may be:

An additional year of Foreign Language	1 unit
An additional year of History	1 “
An additional Science	1 “
Comprehensive Art	$\frac{1}{2}$ “
Advanced Algebra	$\frac{1}{2}$ “
Intermediate Algebra (Required of students electing Mathematics as a major	$\frac{1}{2}$ “
Solid Geometry	$\frac{1}{2}$ “
Plane Trigonometry	$\frac{1}{2}$ “
Civics	$\frac{1}{2}$ “
Economics	$\frac{1}{2}$ “

Foreign languages accepted are: Latin, Greek, French, German, Spanish and Italian.

A student may be admitted under either of the following plans:

A. By presentation of the fifteen Regents' units as listed above.

B. By passing entrance examinations as follows:

1. Students who have an Academic Diploma, but lack one or more of the required units, may take examinations in those subjects provided they have had the prescribed number of hours.

2. Students graduated from a school maintaining a four-year Academic course recognized by the Regents of the University of the State of New York or by the Committee on Admissions.

English, Four Years (4).

Foreign Language, Three Years (3).

Geometry, One Year (1).

Science, One Year (1) } Second Foreign Language
History, One Year (1) } *or* Two Years.

C. By graduation from a school maintaining a four-year Academic course recognized by the Regents of the University of the State of New York or by the Committee on Admissions, provided the applicant presents the following:

1. Fifteen Academic units as specified above, without conditions.

2. Rating of 75%.

3. Ranking in the upper third of her class.

N.B.: No one is eligible to admission under Plan C who is a graduate of a school which provides an opportunity to take the Regents' Examinations.

Whether a student be admitted under Plan A, Plan B or Plan C, the average requirement is 75%.

An interview with the Registrar during the month of June is advisable.

MATRICULATION

Application blanks may be had at any time. For the Fall Semester, the blanks should be filed with the Registrar during the last week of June. For the Spring Semester, the blanks must be filed during the last week of January. A Regents' pass-card showing all credits received up to date will facilitate the process.

This may be had, upon personal application of the student, from Mr. Avery W. Skinner, Director, Examinations Division, University of State of New York, Albany, N. Y.

REGISTRATION

Students should register at the office of the Registrar on the days indicated in the academic calendar. The payment of the fee for registration and for a locker forms part of the registration.

SUMMARY OF FEES

Tuition	\$100.00 each semester
Laboratory	5.00 " "
Gymnasium	2.50 " "
Library Fee	3.50 " "
Registration Fee	5.00
Locker Fee	1.00 deposit .50 refund for key
Graduation Fee	25.00

Tuition fees are payable in advance. Students who have not fulfilled this obligation, before the mid-term examinations, shall be asked to withdraw from the College.

EXAMINATIONS

A student who has an average of A in any subject will be exempted from the semestral examination.

A preliminary examination is held at least once during the term and a final examination at the completion of the work of each semester.

Absence from final examinations may be supplied by the "Condition Examination" provided the Attendance Committee is satisfied that such absence was unavoidable.

Absence from a preliminary may be supplied by an examination taken within a week after the student's return with the permission of the Students' Attendance Committee. No higher rating than C will be allowed in this examination.

GRADES, CREDITS AND REPORTS

The achievement of the student will be indicated in the following grades: A, excellent; B, good; C, fair; D, conditioned; F, failed.

The grade of D is not a passing mark. It may be raised to C by a condition examination taken on the date indicated in the academic calendar. Neglect to remove a D at the appointed time causes the student to receive F.

If a student receives grade F in a prescribed course she must repeat the course.

ABSENCES

A student may be absent without penalty in a session as follows: From a course meeting once weekly, once; from a course meeting twice weekly, two and one-half times; from a course meeting three times weekly, four times; from a course meeting five times weekly, seven times. One point will be taken from the aggregate credits of a student whose absence is equivalent to one-tenth of the class hours. A student whose absence exceeds one-fifth of the class hours will receive F in the course. Tardiness is rated as half an absence.

In case the limit is exceeded, a student may at the end of the course appeal to the Students' Attendance Committee, submitting a statement showing the cause of each absence. On the recommendation of the Students' Committee, the Attendance Committee of the Faculty will consider the petition and full or partial credit may be assigned, due regard being had for the reasons of the absences and the standing attained.

Nothing herein is to be interpreted as *permitting* absence.

GENERAL REGULATIONS

1. Before a student will be recommended for graduation she must have satisfied the Faculty as to her moral character and her accomplishment in scholarship. She must also have completed 128 points. (The term "point" signifies the satisfactory completion of work requiring attendance at a one hour weekly session of lecture or recitation.)

2. Of the 128 points required, 8 points must be for Religion; 5 points for Philosophy; 12 points for English; 4 points for Ethics; 6 points for Latin; 6 points for Modern Language; 6 points for Mathematics; 6 points for Science; 6 points for History; 3 points for Logic; 3 points for Social Science; 1 point in Physical Education.

3. A major subject of 24 points must be taken in one department and a minor of 18 points in a subject allied to the major. Major and minor subjects may be chosen only with the written consent of the Head of Department in each case. The decision

should be made at the end of the first semester of the Sophomore year. A student desiring to change her major or minor must obtain, on a blank furnished by the Registrar, signatures of all Heads of Departments affected and of the Dean.

4. A degree "With Honor" (*cum laude*) requires a student to have attained grade A in at least 115 of the 128 points required for the degree (excluding Physical Training). She should not have received less than C in any of the remaining points.

This regulation shall be so construed as to allow an equivalent.

A degree "With High Honor" (*Magna cum laude*) requires a student to have attained grade A in courses totaling at least 108 points with the remaining grades B.

A degree "With Highest Honor" (*Summa cum laude*) shall be granted to those students who have received grade A in courses totaling at least 115 points with the remaining grades B.

5. Classification of Students: Sophomore, 34 points; Junior, 68 points; Senior, 100 points.

6. A student desiring to drop a course in which she is registered may do so with the approval of the Dean and the permission of the professor during the first month.

Thereafter a course may be dropped only with the permission of the Dean who must be satisfied that illness has caused the student to seek the cancellation. Otherwise the student will receive F. Students permitted to drop a course must report to the professor.

REQUIREMENTS FOR DEGREES

1. Bachelor of Arts

Freshman Year

Religion	2	points
English	8	"
Latin	6	"
Modern Language	6	"
Mathematics or History	6	"
Science	8	"
Physical Training	$\frac{1}{2}$	"
36 $\frac{1}{2}$		"

Sophomore Year

Scripture	2	points
Religion	2	"
English	4	"
History or Mathematics	6	"
Major, Minor and Electives	19	"
Logic	3	"
Physical Training	$\frac{1}{2}$	"
36 $\frac{1}{2}$		"

Junior Year

Religion	2	points
Philosophy	5	"
Social Science	3	"
Major, Minor and Electives	21	"
31		"

Senior Year

Ethics	4	points
Major Subjects, Electives and Major Methods	20	"
24		"

COURSE of STUDIES

Classical Languages

GREEK

Greek 1. Elementary.

Elements of Greek; study of forms and essential principles of syntax; reading and writing of Greek practiced from the beginning.

Open to students who have had no Greek. Prescribed for Latin majors. 3 hours a week, 1 semester, 3 points. (Fall Term.)

Greek 2. Elementary Syntax.

Detailed study of the principles of syntax; prose composition; reading of simple Greek.

Open to students who have completed Greek 1. Prescribed for Latin majors.

3 hours a week, 1 semester, 3 points. (Spring Term.)

Greek 10. Xenophon's Symposium.

Study of the style and diction of Xenophon; study of Greek life and customs as reflected in the "Symposium"; collateral readings (in English) of Plato's "Symposium."

Open to students who have completed Greek 1 and 2.

3 hours a week, 1 semester, 3 points. (Fall Term.)

Greek 11. Plato.

Apology and Crito; Athenian political and educational institutions studied as a background; outline of Greek philosophy before the time of Socrates; so-called crime of Socrates; his sentence; his death; collateral readings (in English) of Xenophon's "Memorabilia" and Aristophanes' "Clouds."

Open to students who have completed Greek 1 and 2.

3 hours a week, 1 semester, 3 points. (Spring Term.)

Greek 12. Demosthenes.

Greek oratory; study of Philippics or Olynthiac orations for content and style; historical outline of Macedonian conquests and Greek hegemonies; Greek oratory and modern newspaper compared as influences in forming public opinion.

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points. (Fall Term.)

Greek 13. Thucydides.

"Histories," Books I and IV; court of Pericles, his guests; Athenian customs; woman's position; classes of society; current philosophical views studied as a background to the historical and political views of Thucydides; study of his historical and literary style.

Open to students who have completed Greek 10 or its equivalent.
3 hours a week, 1 semester, 3 points. (Spring Term.)

Greek 14. Greek Patristic Writings.

St. John Chrysostom's "Defense of Eutropius" and St. Basil's "On the Reading of Books"; comparative study of oratorical vigor and literary style of St. John Chrysostom and Demosthenes; comparative study of essay of St. Basil and Cardinal Newman's "Essay on Literature."

Open to students who have completed Greek 10 or its equivalent.
3 hours a week, 1 semester, 3 points. (Spring Term.)

Greek 20. Homer.

Odyssey, Books I, IV, IX; study of Homeric syntax and poetic forms; lectures on the three great phases of Greek poetry—epic, lyric and dramatic; reading (in English) of Aristotle's "Theory of Poetry."

Open to students who have completed Greek 10 or its equivalent.
3 hours a week, 1 semester, 3 points. (Fall Term.)

Greek 21. Sophocles.

Antigone and Oedipus Tyrannus; rise and development of Greek drama; Greek theatre; technique of Greek drama; political and religious views of Athens as reflected in the drama of the times.

Open to students who have completed Greek 10 or its equivalent.
3 hours a week, 1 semester, 3 points. (Spring Term.)

Greek 22. Euripides.

Medea and Alcestis; reactionary philosophical, political and religious views as reflected in the works of Euripides; comparative study of Sophocles and Euripides with reference to technique, plot and personality of writers; collateral readings (in English) of the "Electra" of each of the dramatists included in the course.

Open to students who have completed Greek 10 or its equivalent.
3 hours a week, 1 semester, 3 points. (Fall Term.)

Greek 30. History of Greek Literature.

Lectures on development of Greek literature in prose and poetic forms; reports; selected readings.

Elective.

2 hours a week, 1 semester, 2 points. (Fall Term.)

Greek 31. History of Greek Civilization.

Lectures, readings and discussions of special topics illustrating the origin and chief elements of mythology, art, literature and material progress of the ancient Greeks; their political development and national life; their systems of philosophy and principles of education; their expansion, colonies and intercourse with other peoples; their influence on modern art, literature and education.

Elective.

3 hours a week, 1 semester, 3 points. (Fall Term.)

LATIN

Latin 1. Elementary.

Elements of Latin; forms and essential principles of syntax; exercises in reading and writing Latin.

Open to students who have had no Latin.

3 hours a week, 1 semester, 3 points. (Fall Term.)

Latin 2. Elementary.

Elements of Latin, continued; further study of principles of syntax; simple Latin prose composition; rapid reading of easy prose.

Open to students who have completed Latin 1.

3 hours a week, 1 semester, 3 points. (Spring Term.)

Latin 3. Prose Composition.

Aims to give thorough review of syntax by written exercises employing vocabulary from Cæsar and Cicero.

Open to students who have had 2 years of secondary school Latin.

2 hours a week, 1 semester, 2 points. (Fall Term.)

Prescribed for Latin majors.

Latin 4. Grammar.

Detailed study of Latin grammar, meter and prosody; application of rules to exercises.

Open to students who have had 2 years of secondary school Latin.

2 hours a week, 1 semester, 2 points. (Spring Term.)

Prescribed for Latin majors.

Latin 5. Methods of Teaching Latin.

Teaching of Latin in secondary schools; lectures; class reports; observation; practice teaching.

Open to Seniors specializing in Latin.

2 hours a week, 1 semester, 2 points. (Spring Term.)

Latin 10. Livy.

Selections from Books I, XXI, XXII; discussion of Livy's historical methods; importance of Livy as a source

of historical information; literary style; comparative study of Cæsar, Livy and Tacitus with reference to style and value as historians; comparative study of great national epic, "Æneid" of Virgil, and so-called "prose" epic of Livy as to founding of Rome.

Prescribed for Freshmen presenting at entrance four years of secondary school Latin.

3 hours a week, 1 semester, 3 points. (Fall Term.)

Latin 11. Patristic Literature.

Selections from writings of Minucius Felix, Tertullian, St. Cyprian, Lactantius, St. Jerome, St. Ambrose, St. Augustine; study of Ciceronian and Silver Age influence on syntax and style of patristic Latin; peculiarities of post-classical Latin noted.

Open to students who have completed Latin 10 and 20.

3 hours a week, 1 semester, 3 points. (Spring Term.)

Latin 12. Tacitus.

Agricola and Germania; history and "kultur" of the barbarians; comparative study of Cæsar, Livy and Tacitus as historians; influences prominent in giving color to language of Tacitus.

Open to students who have completed Latin 10 and 20.

(Alternates with Latin 23.)

3 hours a week, 1 semester, 3 points. (Fall Term.)

Latin 13. Cicero.

Tusculan Disputations; philosophical and religious views of Cicero as reflected in the Disputations and other philosophical works; influence of various vicissitudes of Cicero's life on his philosophy; study of Cicero's style and diction.

Open to students who have completed Latin 10 and 20.

(Alternates with Latin 22.)

3 hours a week, 1 semester, 3 points. (Spring Term.)

Latin 14. Cicero's Letters.

Translation of selected letters; life and beliefs of Cicero as reflected in his epistles; political views as gleaned from his correspondence.

Prescribed for Freshmen who present 2 or 3 years of secondary school Latin.

3 hours a week, 1 semester, 3 points. (Fall Term.)

Latin 20. Horace.

Odes and Epodes; selected odes read and interpreted; varieties of stanza and meter will receive attention; Horace's life, policies, philosophy and influence on subse-

quent literature will be made the subjects for occasional lectures.

Prescribed for Freshmen who have completed Latin 10.
3 hours a week, 1 semester, 3 points. (Spring Term.)

Latin 21. Roman Elegy.

Selections from Catullus, Tibullus, Propertius, Ovid; study of the influence of politics on literature as reflected in the poetry of the representatives of the late republic and early empire respectively. Discussion of Alexandrine influence on Roman elegy.

Open to students who have completed Latin 10 and 20.
3 hours a week, 1 semester, 3 points. (Fall Term.)

Latin 22. Latin Comedy.

Selected plays of Plautus and Terence; evolution of Roman drama; comparative study of the style, diction and technique of the two chief exponents of Latin comedy; meters used by Plautus and Terence; influence of Latin comedy on Shakespeare and Molière; collateral readings; development of Roman theatre.

Open to students who have completed Latin 10 and 20.
(Alternates with Latin 13.)
3 hours a week, 1 semester, 3 points. (Spring Term.)

Latin 23. Horace.

Satires and Epistles; various definitions of satire; study of Horace from point of view of definitions; literary and moral influence of Horace's Satires and Epistles in his own, in medieval and in modern times; collateral readings (in English) of the fragments of satires of Lucilius and selected satires of Juvenal.

Open to students who have completed Latin 10 and 20.
(Alternates with Latin 12.)
3 hours a week, 1 semester, 3 points. (Fall Term.)

Latin 24. Vergil's Eclogues.

Translation of selected bucolics; Alexandrine influence on Vergil and his contemporaries; historical and mythological allusions; study of the dactyllic hexameter.

Prescribed for Freshmen who have completed Latin 14.
3 hours a week, 1 semester, 3 points. (Spring Term.)

Latin 30. History of Latin Literature.

General survey of the literary history of Rome; lectures and discussions on the origin and development of Latin literature and its chief exponents in prose and poetry.
Elective.

1 hour a week, 1 semester, 1 point. (Spring Term.)

Latin 31. Roman Civilization.

Lectures, readings and discussions of special topics illustrating the origin and chief elements of mythology, art, literature and material progress of the ancient Romans; Hellenistic influence on Roman civilization; study of Roman character as manifested in early Roman institutions; study of Roman character as manifested in later Roman institutions under Greek and oriental influence; evolution of Roman Republic and Empire, respectively; fundamental principles of Roman government; Roman law; Roman conquests; spread of Roman civilization; Roman philosophy and education; roads; tunnels; architecture; literature; influence of Romans on modern art, literature, education and governmental policies.

Elective.

3 hours a week, 1 semester, 3 points. (Spring Term.)

EDUCATION

The courses in Education are open to all properly qualified college students.

Courses 10, 11, 20, 21 and 31 are required for the examination for License No. 1 by the New York City Board of Education.

Education 1. Logic.

Principles of correct reasoning; relation of logic to education; selections from newspapers and magazines used in defining, classifying and detecting fallacies.

3 hours a week, 1 semester, 3 points.

Education 10. History of Education.

Description of the various systems of education by which principal nations of the world have attempted to realize their social ideals; criticism of educational theories and practices at different periods. Work consists of lectures, recitations and assigned readings.

3 hours a week, 1 semester, 3 points.

Education 11. General Psychology.

Nervous Mechanism, correlation with mental phenomena; general relation of mind and body.

3 hours a week, 1 semester, 3 points.

Education 20. Educational Psychology.

Activities of mind from standpoint of development; laws of learning and special needs of teachers.

3 hours a week, 1 semester, 3 points.

Education 21. Principles of Education.

Principles underlying physical, vocational, moral and cultural education; statement of aims and means of realizing them; application of principles to the methods of teaching specific elementary school subjects.

3 hours a week, 1 semester, 3 points.

Education 30. Secondary Education.

This course includes a consideration of the principles governing instruction in the secondary school. These principles are shown in their relationships to the physiological, psychological and logical reactions of pupils in the adolescent period. The principals are likewise presented in their effects upon methods of instruction, class discipline and class and school organization. Contrast is made throughout with the principles and procedure governing elementary school education and administration. Readings in assigned texts and special assignments.

2 hours a week, 1 semester, 2 points.

Education 31. Methods of Teaching.

Elementary methods; special methods in English, arithmetic, history, geography, nature study.

3 hours a week, 1 year, 0 points.

Education 32. Special Methods.

Methods in elementary sewing, music and drawing.

1 hour a week, 2 semesters, 0 points.

Education 33. Observation and Practice in Secondary Schools.

This course includes observation by pupils of lessons given by experienced teachers in secondary schools. Reports are required of pupils upon their observations. The work of the course also includes practice teaching in college and in secondary schools. Lesson plans are prepared and criticized. Criticisms of lessons presented by pupil teachers in the course are made the subject of special conference.

1 laboratory period a week, 1 semester, 1 point.

PHYSICAL EDUCATION

Physical Education 1.

This course aims to interest the individual in personal physical activity, for the sake of building vigor and increasing bodily resistance through the medium of games, dancing, elementary tumbling and self-testing activities.

Required of Freshmen.

Physical Education 2.

This course is a continuation of the work begun in Physical Education 1, but emphasizing various seasonal activities.

Required of Freshmen.

Physical Education 3.

A more advanced course in physical activities requiring greater individual skill and proficiency. Some time will be given to the presentation of the Swedish and Danish systems of physical education, but the emphasis will be on the natural activities.

Required of Sophomores.

Physical Education 4.

This course is a continuation of Physical Education 3. The more difficult forms of natural activities will be given and emphasis placed on the health-giving and recreational value of folk and tap dancing.

Required of Sophomores.

Physical Education 5. Methods of Teaching Physical Education.

This course is a study, demonstration, and practice of the physical activities of children in the first four grades, including dramatic games, singing games, folk dances, and chasing games. For the older children hunting games, the less complex athletic games and the simple combative plays. Course includes a presentation and study of a graded list of activities, progressing from the elemental forms of athletics to the standard athletic activities.

Elective for Juniors.

1 hour a week, 2 semesters, 0 points.

ENGLISH

COMPOSITION

English 1. Composition.

Review of principles underlying correct use of English; study of the composition as a whole; gathering and presenting information; discussion and informal argument; organization of material for effective presentation; oral and written themes of both expository and argumentative types.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 2. Composition.

A study of description and narration; the use, characteristics, methods involved in each; oral and written themes.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 5. Essay Writing.

An advanced course in English composition. A study of types, including the familiar essay, the biographical essay, and the serious essay of discussion.

2 hours a week, 1 semester, 2 points.

English 6. Journalism.

A study of the news story, the feature story, the interview, with practical exercises in writing news, and composing materials.

2 hours a week, 1 semester, 2 points.

English 7. The Short Story.

A study of the construction of the short story, with discussions, students' creative work, and criticism.

2 hours a week, 1 semester, 2 points.

LITERATURE

English 11. English Literature to 1800.

A study of the basic values of literature; the beginnings of prose and poetry to Malory; the development in content and manner from 1500 to 1800; brief reference to the larger movements in the development of English literature; assigned readings; class discussions of typical poems and prose passages.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 12. English Poetry of the Nineteenth Century.

Brief reference to the literary backgrounds of the century; the development of romanticism in poetry; assigned readings; discussion of representative poems.

2 hours a week, 1 semester, 2 points.

Required course.

English 14. English Prose of the Nineteenth Century.

Development of romanticism in prose; a study of the changes in content and style after 1800; growth of types; class discussion based on assigned readings.

2 hours a week, 1 semester, 2 points.

Required course.

English 15. Contemporary Literature.

Study and discussion of these factors in creative and critical literature: the change from Victorianism; the increase of cosmopolitan feeling; the rise of æsthetic currents, notably after 1890. Lectures on the leading novelists from Meredith to Galsworthy. Supervised readings and reports.

1 hour a week, 1 semester, 1 point.

English 16. Contemporary Literature.

Study and discussion of the background, with especial attention to the interest in social problems and the revival of mediævalism. Lectures on the drama as literature, and on the more important poets since 1890. Supervised readings, study of texts, reports.

1 hour a week, 1 semester, 1 point.

English 17. Survey Course of English Literature.

A study of the background of English literature including the achievements, the ideals of life, the literary conditions, the language, the social customs and the historical setting of each of the literary periods from the eighth to the eighteenth century. Assigned readings.

2 hours a week, 1 semester, 2 points.

English 18. Survey Course of English Literature.

Content of course treated similarly to English 17, covering the literary periods from the eighteenth century to the present day. Assigned readings.

2 hours a week, 1 semester, 2 points.

English 19. American Literature to the Civil War.

Colonial and Revolutionary beginnings; the New England theocracy; Franklin, Irving, Cooper, Bryant; the transcendental movement; discussions and reports.

2 hours a week, 1 semester, 2 points.

English 20. American Literature since the Civil War.

The age of conscious culture; the New England School; Father Tabb, Lanier, Whitman; development of the West, Mark Twain, Howells, James; the later novel; the short story; development of American drama.

2 hours a week, 1 semester, 2 points.

English 30. Shakespeare.

Reading and interpretation of four plays; study of structure and types of plays; four written reports on topics suggested by the study.

2 hours a week, 1 semester, 2 points.

English 31. Shakespeare.

Reading and interpretation of four plays not included in Course 30; study of structure and types of plays; four written reports on topics suggested by the study.

2 hours a week, 1 semester, 2 points.

English 32. The Romantic Movement in English Literature.

A study of the growth of the romantic spirit during the eighteenth and nineteenth centuries as shown in the work of characteristic authors.

2 hours a week, 1 semester, 2 points.

English 33. Tennyson and Browning.

A study of selections from each author; written reports.

2 hours a week, 1 semester, 2 points.

English 40. The English Drama.

The development of drama from the Mystery Plays through the nineteenth century; reading of selected types and optional plays; reports and class discussions.

2 hours a week, 1 semester, 2 points.

English 41. The English Novel.

The study of the evolution of the English novel; tracing the contribution of the various types in the development; readings and reports illustrating the different types.

2 hours a week, 1 semester, 2 points.

English 42. The English Essay.

A study of the development of the English essay from Montaigne through the nineteenth century; selected readings of representative essays of the various periods; class reports.

2 hours a week, 1 semester, 2 points.

English 43. The Short Story.

The study of the short story as a type of literature; tracing its evolution to the modern short story; readings, discussions, and reports.

2 hours a week, 1 semester, 2 points.

English 50. Foreign Influences on Modern English Literature.

A survey of the relations between English and Continental literature since the Romantic Era. Especial attention will be paid to study and discussion of the French poets and fiction writers of the late nineteenth century. A certain number of definitely Catholic contacts will be pointed out. References to the American scene will be frequent. Supervised readings and reports.

1 hour a week, 1 semester, 1 point.

English 51. Foreign Influences on Modern English Literature.

A survey of the relations between English and Continental literatures during the very recent past. The subject-matter of the lectures and discussions will be, primarily, the

important German and Russian writers. Attention will be paid to specifically Catholic literary tendencies, and the American scene will be constantly borne in mind. Supervised readings and reports.

1 hour a week, 1 semester, 1 point.

English 52. Literary Criticism.

Discussion of fundamental æsthetic standards, with special emphasis upon the problems of form, intensity and depth. Lectures on the art of current fiction, and on the relations existing between literature, emotion, intelligence and morality. Supervised readings in standard critical literature, and reports on fictional and historical writing.

1 hour a week, 1 semester, 1 point.

English 53. Literary Criticism.

This course should follow, but does not necessarily presuppose, English 52. Discussion of special problems in literary criticism, and the preparation of original reviews. Lectures on the art of current verse and drama, with especial emphasis upon how these forms are to be approached critically. Supervised readings in critical periodicals and reports.

1 hour a week, 1 semester, 1 point.

English 54. Methods of Teaching English in Secondary Schools.

Interpretation and presentation of typical high school texts with their literary and historical background; aims, methods, material, development, and correction of composition, the teaching of grammar; discussion of problems incidental to the teaching of English; readings in professional literature.

2 hours a week, 1 semester, 2 points.

SPEECH EDUCATION

Speech Education 1. Phonetics.

An analysis of English sounds; organic relationship of sounds; drill on correct production; attention to careless or faulty speech habits; proper initiation of tone; voice projection.

1 hour a week, 1 semester, 1 point.

Prescribed Course.

Speech Education 2. Phonetics.

Transcription of selections from literature, using International phonetic symbols; individual problems in speech and expression.

1 hour a week, 1 semester, 1 point.

Prescribed Course.

Speech Education 3. Advanced Course in Speech and Voice.

Accentuation of correct sounds; fundamental conditions for tone; exercises for breath control; resonance and melody.

1 hour a week, 1 semester, 1 point.

Speech Education 4. Advanced Course in Speech and Voice.

Practice in tone, conversation and platform delivery.

1 hour a week, 1 semester, 1 point.

Speech Education 10. Oral Interpretation of Literature.

A study of the intellectual and emotional content of various types of literature; differentiation in expression; suitable modulations of the voice; understanding and appreciation of literature with a view to delivery.

1 hour a week, 1 semester, 1 point.

Speech Education 11. Oral Interpretation of Literature.

The analysis and practice of natural tones; the oral delivery of the lyric, the ballad, the narrative poem, and the monologue.

1 hour a week, 1 semester, 1 point.

Speech Education 12. Public Speaking.

A study in the construction of a logical and systematic speech; special consideration of the various kinds of speeches; short talks weekly.

1 hour a week, 1 semester, 1 point.

Speech Education 13. Public Speaking.

A study of the practical problems of the public speaker; attitude toward the speech, relation of speaker to audience, enunciation, voice, posture; four minute speeches weekly.

1 hour a week, 1 semester, 1 point.

HISTORY

History 1. History of Civilization.

Society in the making; civilization as recorded in the Nile valley; in the Tigris-Euphrates; age of invasion and innovation; Greek civilization; Hellenistic age; Roman political system; Romanizing of the ancient world; Roman culture; the rise of Christianity; barbarism in the West; Byzantine and Mohammedan civilization in the East; conflicting expansion in the Levant.

3 hours a week, 1 semester, 3 points.

Prerequisite for all other work in History.

History 2. History of Civilization.

China; India; classical renaissance and maritime revolution; early modern governments; religious revolt; experimental science; western leadership; economic revolution; democracy and nationalism; imperialism; contemporary culture.

3 hours a week, 1 semester, 3 points.

Prerequisite for all other work in History.

History 3. Europe Since 1815.

An intensive study of the great tendencies of the century; the building up of nations—Germany, Italy and the Balkan States; expansion; the chief economic and social problems.

3 hours a week, 1 semester, 3 points.

History 4. The World War.

Historical background; fundamental causes; the Austro-Serbian controversy; violations of international law; America's war aims, campaigns; geographical features; science and the war; economic, social, religious problems; peace; boundary changes; reconstruction.

3 hours a week, 1 semester, 3 points.

History 5. French Revolution and Napoleonic Era.

French society before the revolution; overthrow of the old régime; Reign of Terror and reaction; Napoleon and establishment of empire; commercial conflict with England; downfall of Napoleon and treaties of Paris.

2 hours a week, 1 semester, 2 points.

History 10. Beginnings of the American People.

Discovery, exploration and colonization of North America by Europeans; social, economic and political development of the English colonies; influence of the colonial period on American institutions.

3 hours a week, 1 semester, 3 points.

History 11. American Foreign Relations.

Development of American policies with special reference to Western Europe, Latin America and the Far East.

3 hours a week, 1 semester, 3 points.

History 12. Survey of American History: 1783-1865.

Conditions at the close of the Revolution; establishment of a strong national government; rise of political parties; development of a national spirit; Jacksonian democracy; western movement; sectionalism; Civil War.

3 hours a week, 1 semester, 3 points.

Required of students electing History as major.

History 13. Survey of American History: 1865 to the Present.

Problems growing out of reconstruction; economic and social revolution; beginnings of imperialism; World War; peace and readjustment; recent American foreign policy; problems of our day.

3 hours a week, 1 semester, 3 points.

Required of students electing History as major.

History 14. Development of the West.

The new West; democracy, political and social; slavery and the West; internal improvements; advancing frontier; barriers to development; economic revolution; present problems.

3 hours a week, 1 semester, 3 points.

History 20. English History to 1714.

England before the Norman conquest; feudal period; constitutional and legal development; foundation of the empire; development of the party system; material and cultural progress.

3 hours a week, 1 semester, 3 points.

Required of students electing History as major.

History 21. English History: 1714 to the Present.

British industrial supremacy in Europe; the triumph of democracy; imperialism; social reforms; international relations; England and the World War; economic conditions after the war; growth of a national spirit in various parts of the empire; recent trends.

3 hours a week, 1 semester, 3 points.

Required of students electing History as major.

History 30. The Ancient World.

Eastern background; Ægean civilization; evolution of the city—state and development of democratic government in Athens; Alexandrian conquest and spread of Hellenistic civilization; Rome; foundation; influences reaching it; development of institutions; fall of republic; culture of Augustan Age.

3 hours a week, 1 semester, 3 points.

History 40. Medieval History.

Elements of ancient civilization which survived in Middle Ages; vital influence of the Church; intermingling of oriental and occidental civilizations; Renaissance; 16th Century revolution; contributions of Middle Ages to modern civilization.

3 hours a week, 1 semester, 3 points.

History 41. Early European History: Augustus to Charlemagne.

The Roman Empire; triumph of Christianity; Christian culture; Germanic kingdoms; spread of Islam; Frankish state and Charlemagne; disruption of Charlemagne's empire and renewed invasions; the Northmen.

2 hours a week, 1 semester, 2 points.

History 50. Hispanic-American Civilization.

Spain and Portugal in the new world; development of institutions and culture; relations of Hispanic-Americans with the people of the United States; recent history.

3 hours a week, 1 semester, 3 points.

History 60. Methods of Teaching History in Secondary Schools.

Development of school instruction in history in the 17th Century; programs of history teaching in Europe and America; problem of grading history; aims and values; study of social groups; measuring the results of history teaching.

2 hours a week, 1 semester, 2 points.

Open to Seniors whose major is History.

History 70. Development of the Church up to 14th Century.

Nature and scope of Church History; method; sources; divisions; foundation of the Church; the Church and paganism; beneficent results of alliance of Church and State; menace of imperial vassalage and Byzantinism; Crusades and their influence on the prestige of the Church.

1 hour a week, 1 semester, 1 point.

History 71. The Church in Modern Times.

Usurpation of Church rights by the State; Protestantism; rationalism and the Catholic Church; Popes of the 19th and 20th Centuries; propagation of Christianity; the Catholic Church in the United States.

1 hour a week, 1 semester, 1 point.

SOCIAL SCIENCE

Social Science 1. Government.

State, nature, origin, theories, functions; constitutions, definition, kinds; United States Constitution, historical background, formation, development; national government; President, election, powers, relation to Congress and administrative departments; Congress, Senate, House of Representatives, organization, committees, procedure; national judiciary; national

revenues; commerce, anti-trust laws; state government; county, city and town government; comparison of United States government with modern European governments.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 10. International Law.

Historical background; sources of international law; treaties; peace, war, neutrality; persons; sovereign and non-sovereign states; jurisdiction, citizens, aliens, insurgents, ambassadorial immunities, consuls; settlement of disputes, boycott, retortion, reprisal, pacific blockade; neutrals, duties of neutrals, right of angary, doctrine of continuous voyage, right of contraband, high seas, marginal seas, interior seas; air rights; League of Nations; Permanent Court of Justice.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 20. Principles of Economics.

A systematic view of the leading principles of political economy; discussion and indicated solution of economic problems; currency, credit, banking, trusts, labor, transportation, socialism; industrial history of the United States in its extensive and intensive aspects.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 30. Business Organization.

Law, sources, classification; equity, origin, common law and equity; contracts, kinds, parties, rights of third persons, discharge of contracts; agency; sales act; negotiable instruments; guaranty and suretyship; insurance; bailments and common carriers; property, kinds; estates, titles, landlord and tenant; trusts and trustees; torts; corporations, public and private, partnership; remedies.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 40. Sociology—Introductory Course.

The science of sociology; aims; definition; scope; group life; group control through public opinion, law, art; anti-group conduct; social surveys and research; social work and reform; social teleis.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 41. Sociology—Second Course.

Modern family life, history, functions, social case work with the family, industrialism and the home, heredity and eugenics; the problem of wages, living wage, family wage, economic

disabilities of the wage earner; types, causes, problems of unemployment; crime; juvenile delinquency; social welfare legislation; the Church and social work.

2 hours a week, 1 semester, 2 points.

Prerequisite: Social Science 40.

Social Science 50. Mental Hygiene.

The psychodynamics of personality; varied emotional unbalances as manifested in early childhood, adolescence and adulthood; the pre-school child, the child of school age, the adolescent, the adult considered in terms of conduct motivation; influence of early training and causal relationships to maladjustments.

The physical, social, psychological and psychiatric interpretations are supplemented by case studies from St. Charles' Mental Hygiene Clinic. An opportunity for supervised social study of selected cases will be provided for interested students.

1 hour a week, 1 semester, 1 point.

Limited to Seniors and Juniors.

(The 6 points in Social Science required of History Majors are to be chosen from the courses required of Social Science Majors.)

MATHEMATICS

Math. 1. Mathematical Analysis I.

The function concept applied to problems of variation; differentiation; integration; trigonometric functions; use of logarithms in the solution of right and oblique triangles.

3 hours a week, 1 semester, 3 points.

Required for the degree.

Math. 2. Mathematical Analysis II.

Rectangular co-ordinates; solution of equations; polar co-ordinates; complex numbers.

3 hours a week, 1 semester, 3 points.

Required of students not electing Mathematics as major.

Math. 3. Mathematical Analysis II.

Rectangular co-ordinates; solution of equations; polar co-ordinates and trigonometric functions; the definite integral; progressions and series; complex numbers.

3 hours a week, 1 semester, 3 points.

Required of students electing Mathematics as major.

Math. 4. Mathematical Analysis III.

Trigonometric analysis; inverse trigonometric functions; trigonometric equations; inequalities; theory of equations; partial fractions; determinants; limits; infinite series.

3 hours a week, 1 semester, 3 points.

Math. 10. Solid and Spherical Geometry and Spherical Trigonometry.

Lines, planes, and angles in space; polyhedrons; the cylinder; the cone; the sphere; the solution of right and oblique spherical triangles; the area of a spherical triangle; applications.

3 hours a week, 1 semester, 3 points.

Math. 11. Plane and Solid Analytic Geometry.

Transformations; higher plane curves; tangents and normals; analytic geometry of space.

3 hours a week, 1 semester, 3 points.

Math. 12. College Geometry.

Constructions; loci; homothetics; nine-point circle; harmonic properties of the circle; inversions; poles and polars.

3 hours a week, 1 semester, 3 points.

Math. 20. Differential Calculus.

Variables and functions; theory of limits; maxima and minima; rates; change of variable; curvature; envelopes; series; asymptotes; applications.

3 hours a week, 1 semester, 3 points.

Math. 21. Integral Calculus.

Integration, including the definite integral, integration by parts, summation; elementary differential equations; applications.

3 hours a week, 1 semester, 3 points.

Math. 30. Theory of Equations.

Complex numbers; constructions with ruler and compasses; methods of solution of cubic and quartic equations; determinants; symmetric functions; elimination.

3 hours a week, 1 semester, 3 points.

Math. 40. History of Mathematics.

A topical survey of the fields of arithmetic, algebra, trigonometry, geometry, and calculus.

3 hours a week, 1 semester, 3 points.

Math. 50. Curve Tracing.

Loci and their equations; tangents; asymptotes; singular points; repeating curves.

1 hour a week, 1 semester, 1 point.

Math. 51. Vector Analysis.

Elementary operations; scalar and vector products of two and three vectors; applications.

1 hour a week, 1 semester, 1 point.

Math. 52. Mechanics.

Equations of motion of a rigid body; equations of translation; motion of center of mass; moment of inertia; applications.

1 hour a week, 1 semester, 1 point.

Math. 60. Methods of Teaching Mathematics in Secondary Schools.

Objectives and methods of teaching algebra, geometry, and numerical trigonometry; study of the work done by the reorganization committee; standard tests; observation; practice.

2 hours a week, 1 semester, 2 points.

Modern Languages

FRENCH

French 1. Elementary.

Beginner's course. Careful study of the grammar and syntax. Attention will be paid to correct pronunciation. Practice in reading and writing simple French. Direct Method.

3 hours a week, 1 semester, 3 points.

French 2. Elementary.

Beginner's course continued. Stress on reading and oral drill. Dictation. Formal and free composition.

3 hours a week, 1 semester, 3 points.

French 3. Intermediate.

Review of the essentials of grammar. Exercises in composition. Vocabulary building. Idioms. Reading and oral discussion of selected plays.

3 hours a week, 1 semester, 3 points.

French 4. Intermediate.

Continued exercises in reading, speaking and writing French. Reports to be written in French. Much oral work on selected narrative texts and plays.

3 hours a week, 1 semester, 3 points.

Open to students who offer 2 or 3 years of French, also to students who have completed French 1, 2, and 3.

French 5. Advanced.

More intensive study of syntax, composition, and conversation. Themes and reports to be written in French. Reading of selected works by representative authors.

3 hours a week, 1 semester, 3 points.

Open to Freshmen who offer more than 3 years of French.

French 6. Advanced.

Introduction to French literature of the 17th Century. Study of Molière; his life and works. Intensive study of two comedies. Advanced prose composition.

3 hours a week, 1 semester, 3 points.

Open to students who offer more than 3 years of French. Also to students who have completed French 5.

French 7. French Conversation.

The work will consist of conversation, dictation, reading and recitation. The oral drill will be stressed throughout. Persistent conversation relating to affairs of everyday life.

2 hours a week, 1 semester, 2 points.

Open to students who have completed French 3 and 4. Also to students who offer 3 years of French.

French 10. General Literature.

The course furnishes a general survey of French Literature from the "Chanson de Roland" to the Encyclopedistes (1750). Assigned readings in French from representative authors supplement the lectures and recitations. A number of class periods devoted to students' reports.

3 hours a week, 1 semester, 3 points.

Required of students electing French as a major.

Open to students who have completed French 5 and 6.

French 11. General Literature.

Survey of French literature and history from 1750 to 1890. Historical events discussed in connection with the literature, Reports in French.

3 hours a week, 1 semester, 3 points.

Required of students electing French as major.

Open to other qualifying students.

French 12. Classic Drama.

Molière, Corneille, Racine. Representative works. Outside readings and reports in French.

Elective. 3 hours a week, 1 semester, 3 points.

French 13. Classic Prose of the 17th and 18th Centuries.

Lectures on the social, æsthetic and philosophical movements of the 17th and 18th Centuries. Selected works of representative authors.

Elective. 3 hours a week, 1 semester, 3 points.

French 14. Romantic Period of French Literature.

Alfred de Musset, Victor Hugo, Lamartine, Alfred de Vigny. Poetry and drama. Lyricism and Romanticism.

Elective. 3 hours a week, 1 semester, 3 points.

French 15. Contemporary Literature.

Poetry, drama, novel of the present day.

Required of students electing French as major.

Open to other qualifying students.

3 hours a week, 1 semester, 3 points.

French 16. French Civilization.

Lectures, readings and reports, oral and written, on the chief features of French civilization. Geography, art, history. General contribution to world culture.

Open to students who have had French 10 and 11.

2 hours a week, 1 semester, 2 points.

French 20. Practical Phonetics.

Corrective exercises; elements of diction, practical phonetics applied to reading and speaking French. Special attention to correction of defective pronunciation, accent.

3 hours a week, 1 semester, 3 points.

Open to students who have had at least 2 years of French.

French 21. Methods of Teaching French.

Observation and practice in teaching French in secondary schools.

2 hours a week, 1 semester, 2 points.

Open to Seniors in the French major.

GERMAN

German 1. Elementary.

Primary object: to enable the student to understand easy German, written and spoken. Pronunciation taught phonetically. Object lessons. Dictation, sentence mutation and memory work as a basis for composition. Oral and aural drill.

3 hours a week, 3 points.

German 2. Elementary.

Primary object: to enable the student to reproduce simple German orally and in writing. Continued analysis of the language. Formal and free composition. Reading of one intermediate text. Increased use of German in class-room.

German 3. Intermediate.

Aim: to enable the student to use German as a tool subject. Practice in writing and speaking simple German. Grammar

review. Vocabulary building. Free and formal composition. Reading of about 100 pages of technical and scientific German, and 400-500 pages of modern literary prose and poetry. Memory work.

German 4. Intermediate.

Introduction to German literature. Intensive reading of one or two of the lesser difficult classical dramas. Continued exercises in free and formal composition. Vocabulary study and grammar review. Oral and written reports.

German 10. Advanced.

The classical era of German literature. Study of Schiller. His life and his poetic works. Intensive reading of one, extensive reading of one or two dramatic masterpieces. Oral reports. Discussions. Themes. Advanced prose composition with special emphasis on syntax and word-formation. Exclusive use of German in class-room.

German 11. Advanced.

The classical period of German literature concluded. Study of Goethe; his life and works, both narrative and dramatic. Reports and discussions. Dramatic interpretations. Extensive outside reading of one or more modern German authors. Themes. Lectures in German.

German 12. German Drama from 1800 to 1931.

A survey of the outstanding landmarks of dramatic literature from the Romantics to the present time with special emphasis on Kleist, Grillparzer, Hebbel and Hauptmann.

German 13. The German Novel.

Development of the novel and short story from Goethe to Thomas Mann.

SPANISH

Spanish 1. Elementary.

Beginner's course. Direct method. Pronunciation taught phonetically.

3 hours a week, 1 semester, 3 points.

Spanish 2. Elementary.

Beginner's course continued. Direct method. Daily exercise in reading, writing and speaking simple Spanish.

3 hours a week, 1 semester, 3 points.

Spanish 3. Intermediate.

Survey of Spanish Grammar. Vocabulary building. Idioms. Conversation.

Open to Freshmen who have had 2 years of secondary school Spanish, also to students who have had Spanish 1 and 2.
3 hours a week, 1 semester, 3 points.

Spanish 4. Intermediate.

Review of Spanish Grammar. Reading based on history of Spanish civilization.

Open to Freshmen who have had more than 2 years of Spanish and to students who have had Spanish 2 and 3.
3 hours a week, 1 semester, 3 points.

Spanish 5. Advanced.

Proficiency in the use of the Spanish language. Reading. Composition. Conversation.

Open to Freshmen who offer 3 years of Spanish and to students who have had Spanish 3 and 4.
3 hours a week, 1 semester, 3 points.

Spanish 6. Advanced.

Introduction to Spanish Literature. Reading of representative authors. Interpretation of texts. Advanced prose composition.

Open to students who have had Spanish 5.
3 hours a week, 1 semester, 3 points.

Spanish 7. Commercial Spanish. Business Letters. Variety of Translations.

This is a course designed to give advanced training in the Spanish required by those industries dealing with Spanish speaking countries.

Open to Freshmen who offer more than 3 years of Spanish and to students who have had Spanish 1, 2, 3 and 4.
3 hours a week, 1 semester, 3 points.

Spanish 8. Spanish Conversation.

Composition and oral practice. Conversation relating to affairs of every-day life.

2 hours a week, 1 semester, 2 points.

Open to students who offer 2 years of college Spanish or 3 years of secondary school Spanish.

Spanish 10. Drama of the Golden Age.

Lope de Vega ; Tirso de Molina ; Calderón ; Alarcón.

Required of students electing Spanish as major.
3 hours a week, 1 semester, 3 points.

Spanish 11. Novel of the Golden Age.

Life and works of Cervantes with special emphasis on *El Quijote*.

Required of students electing Spanish as major.

Open to students who have had Spanish 6.

3 hours a week, 1 semester, 3 points.

Spanish 12. Romanticism.

Poetry, drama from the beginning of the romantic period, to the *Generación del '98*; Espronceda; Becquer, Campoamor; Larra; etc.

Required of students electing Spanish as major.

3 hours a week, 1 semester, 3 points.

Spanish 13. Reading and Analysis of Poema del Mio Cid; Ballads, Coplas de Jorge Manrique.

3 hours a week, 1 semester, 3 points.

Spanish 14. The Novel of the 19th Century.

Outside reading. Oral and written reports.

Required of students taking Spanish as major. Elective to those who have had Spanish 6.

3 hours a week, 1 semester, 3 points.

Spanish 15. Spanish Drama of the 19th Century.

Assigned reading of the works of important Spanish dramatists.

Required of students taking Spanish as major. Elective to those who have had Spanish 6.

3 hours a week, 1 semester, 3 points.

Spanish 16. Contemporary Spanish General Literature.

Study of representative works by contemporary Spaniards.

3 hours a week, 1 semester, 3 points.

Spanish 17. Spanish-American Literature.

A brief survey from the earlier period to our days.

3 hours a week, 1 semester, 3 points.

Spanish 20. Phonetics.

Formal and practical phonetics. Special attention to correction of defective pronunciation and accent.

Required of students electing Spanish as major and open to all students who have had at least two years of Spanish.

3 hours a week, 1 semester, 3 points.

Spanish 21. Methods in Teaching Spanish.

Historical Grammar; observation and practice in teaching Spanish in secondary schools.

Open to seniors electing Spanish as major.

2 hours a week, 1 semester, 2 points.

PHILOSOPHY

Phil. 1. Introductory.

Definition; division; methods; philosophy and the inductive sciences; summation of history of philosophy; the world and self; mind and matter; principles of general metaphysics; substance and accidents; being; nature; essence; life; knowledge; criteria of truth; freedom; morality.

1 hour a week, 1 semester, 1 point.

Phil. 2. Empirical Psychology.

Laws of the mind; mental processes; cognition, (a) sensation and perception, (b) representation, (c) intellection; appetition, (a) elemental feelings, (b) emotions, (c) sentiments; conation, (a) physical activity, (b) psychophysical reactions, (c) volition.

Required of Juniors.

2 hours a week, 1 semester, 2 points.

Phil. 3. Cosmology.

Constitution of matter; Life, nature and characteristics; evolution; time and space; efficiency and teleology, application of principles to empirical science; a comparative study of the methods of metaphysics and the physical sciences.

Required of Juniors.

1 hour a week, 1 semester, 1 point.

Phil. 4. Rational Psychology.

The Soul, a substantiality, phenomenalism; spirituality of the soul; union of real and ideal; identity hypothesis and double-aspect theory; origin (a) of the organism, (b) of the soul, and (c) of the race; the soul immortal.

Required of Juniors.

1 hour a week, 1 semester, 1 point.

Phil. 5. Theodicy.

Existence of God, the question, the proof, *a priori*, *a posteriori*, moral, physical and metaphysical, *a simultaneo* argument considered; nature of God as known by His attributes,

primary and secondary, positive and negative; God and the world, deism, pantheism, agnosticism.

Required of Juniors.

1 hour a week, 1 semester, 1 point.

Phil. 10. Epistemology.

Study of thought-processes for the purpose of determining their ultimate significance and validity as factors of knowledge; origin and growth of epistemology; necessity of a knowledge of the subject for all sciences; individual criteria considered in detail, stressing sense information, testimony and reason.

(Elective.)

1 hour a week, 1 semester, 1 point.

Ethics 1. General Ethics.

Human Acts; ends; morality of human acts; determinants of morality; imputability of acts; law, the objective norm; Conscience, the subjective guide; general collateral readings and specific subjects assigned with the idea of making practical the theoretical knowledge acquired. These are organic parts of the course.

Required of Seniors.

2 hours a week, 1 semester, 2 points.

Ethics 2. Special Ethics.

Right and duty; duties to the Creator; duties to our fellowman, relative to honor, life and property; social ethics, domestic society, civil society; International Law; equity; contracts, trusts; corporations; war; crime; The Constitution; The League of Nations.

Required of Seniors.

2 hours a week, 1 semester, 2 points.

RELIGION

Religion 1. Introductory.

Religion; divisions, natural vs. supernatural; revelation, nature, phases; scripture; inspiration; Old Testament history; Pentateuch; faith and reason; faith and science; mysteries; Bible and science, astronomy, geology, biology, paleontology, archæology.

1 hour a week, 1 semester, 1 point.

Religion 2. Divinity of the Christian Mission.

New Testament; gospels, authenticity, integrity, veracity established by Canon, intrinsic evidence, tradition and rea-

son; miracles and prophecy, nature and probative value; divinity of Christian mission established; divinity of Christ.

1 hour a week, 1 semester, 1 point.

Religion 3. Church of Christ.

Notes of the true church applied to heresy and schism; attributes of Catholicism; authority to teach, govern and minister; indefectibility; infallibility, fact, nature and limitations; primacy, proof, scope, extension; Church and State, mutual relation and conflict, liberty, liberalism, types and dangers.

1 hour a week, 1 semester, 1 point.

Religion 4. Special Apologetics.

Catholic intolerance; inquisition; Galileo, Savanarolo, Bruno, Beatrice Cenci, Erasmus, Bismarck; Edict of Nantes; St. Bartholomew's Eve; religious wars; temporal power and temporal sovereignty of the Popes; Church and civilization; Agnosticism; Christian Science; Theosophy; Higher Criticism.

1 hour a week, 1 semester, 1 point.

Scripture 1. Canonics.

Evolution of the Old Testament Canon; history of the New Testament; Apocrypha; Inspiration, described and differentiated, nature and extent, history of the doctrine; decrees of Biblical Commission; Pentateuch as inspiration; a study of typical historical, prophetic and moral works of the Old Testament.

1 hour a week, 1 semester, 1 point.

Scripture 2. Textual History and Appreciation.

Ancient texts; versions, Latin, Greek, old, middle and modern English; orthodox and heterodox; Biblical criticism; reading of the Gospels, the Epistles and the Apocalypse with emphasis upon background, meaning and inspirational profit.

1 hour a week, 1 semester, 1 point.

Scripture 3. Hermeneutics.

Principles of interpretation and general rules of construction; history of Biblical interpretation among (a) the Jews, (b) Early Christians, (c) Heretics; exegesis of typical works of Old and New Testaments.

(Elective.)

1 hour a week, 1 semester, 1 point.

Science

BIOLOGY

Biology 1. General Biology.

Chemistry of living matter; protoplasm; the cell and cell division; mechanism of heredity; Mendelism; immunity; history of biology; types from the four phyla of the plant kingdom. 3 lectures, 3 hours laboratory, 4 credits.

Biology 2. General Biology.

Protozoa; coelenterata; annelida; arthropoda; chordata; human anatomy and physiology; digestion; respiration; excretion; nervous system; endocrines; reproduction. 3 lectures, 3 hours laboratory, 4 credits.

Biology 10. Bacteriology.

Molds, bacteria, yeasts; cultivation and activities; disinfection and sterilization; air, water, milk; soils and the nitrogen cycle; micro-organisms and human disease. 2 lectures, 3 hours laboratory, 3 credits.

Biology 20. Botany.

Nature of plants; leaf; root; stem; flower; fruit; seedling; development of plants; classification; thallophyta; bryophyta; pteridophyta; spermatophyta. 2 lectures, 3 hours laboratory, 1 semester, 3 credits.

Biology 40. Hygiene.

Factors that influence health; heredity and health; bacteria and disease; infection and resistance; immunity; general structure, function and hygiene of the systems of the body. 2 lectures, 1 semester, 2 credits.

CHEMISTRY

Chemistry 1. General.

Matter: chemical change; combining proportions; atomic theory, atomic weights, atomic structure; symbols; formulæ, equations; oxygen; measurement of gases; kinetic-molecular hypothesis; hydrogen; valence; water; molecular weights, their applications; solution; hydrogen chloride; sodium hydroxide; chlorine; energy and chemical change; chemical equilibrium; electrolytes.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Chemistry 2. General.

Ionization; ionic equilibria; halogen family; oxidizing substances; sulphur and its compounds; periodic system; radium; atomic energy, atomic structure; nitrogen and its compounds; phosphorous; carbon and its compounds; application to plant life, growth, products and to animal life, products; foods; metallic elements; electromotive chemistry.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Chemistry 10. Qualitative.

Fundamental principles: solution; ionization; molecular equilibrium; ionic equilibrium; solubility product. Separation of metallic radicals into groups—Groups I-III.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 11. Qualitative.

Fundamental principles: amphoteric hydroxides, salt hydrolysis; complex ions and ammonia equilibria; oxidation and reduction; distribution of solute between two immiscible solvents; colloidal suspensions; Groups IV-V, complete cation analysis; separation of anions into groups, Groups I-IV; complete analysis of solutions; complete analysis of solids.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 12. Qualitative.

A shorter course based on the topics of Chemistry 11, 12.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 20. Quantitative.

Precision; weighing, volumetric measurements; acidimetry; alkalinity; indicators; standard acids and alkalies; solubility product; absorption; hydrogen ion concentration; gravimetric and volumetric determinations; indirect determinations; analyses involving silicon, sulphur and phosphorous; analyses for lime and magnesia.

1 hour, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 21. Quantitative.

Determinations of zinc; organic precipitants; oxidation-reduction; standard potassium permanganate solution; determinations of iron; analyses for iron; determinations of manganese; iodimetric methods; electrolytic determinations; evolution and measurements of gases; systematic analysis; analysis of alloys.

1 hour, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 22. Quantitative.

A shorter course including a briefer treatment of the topics included in Chemistry 20, 21.

1 hour, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 30. Organic.

Fundamental principles of organic derivatives; derivatives from ethyl alcohol; methods of purification and analysis; determination of molecular weight; hydrocarbons; halogen compounds; alcohols; ethers; aldehydes and ketones; simple monocarboxylic acids and their derivatives; simple dicarboxylic acids and their derivatives; esters; amines; nitroparaffins; organic compounds of sulphur; cyanogen compounds; alkyl derivatives of metals and non-metals; hydroxy acids; aldehydic and ketonic acids; maleic and fumaric acids; carbohydrates; amino acids; uric acid and purines.

3 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 31. Organic.

Aromatic compounds; benzene and its homologues; halogen derivatives; derivatives of sulphur; hydroxy derivatives of benzene and toluene; nitro compounds; amino compounds and derivatives; compounds containing nitrogen atoms directly united; aldehydes and ketones, carboxylic acids; condensed benzenoid systems; mechanism of substitution; chief classes of dyestuffs; alicyclic and heterocyclic compounds.

3 hours, 6 hours laboratory a week, 1 semester, 4 points.

PHYSICS

Physics 1. General: Mechanics, Heat.

Mechanics and properties of matter: force, measurements, liquids, gases, uniformly accelerated motion, effects of force on motion, work and energy, simple machines, friction, vibratory motion, rotary motion, gravitation, fluids in motion, molecular and atomic theory, special properties of matter due to molecular forces, and elasticity.

Heat: temperature and its measurement, expansion, quantity of heat, work and heat, the transfer of heat, change of state, meteorology, heat engines, and principles of thermodynamics.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Physics 2. General: Sound, Electricity, Light.

Wave motion and sound, magnetism and electricity: magnetism, electrostatics, properties of currents, potential difference, work and power in circuits, heating effects, Joule's law, resistance, Ohm's law, conduction through electrolytes, magnetic fields of currents, mechanical force on conductors in magnetic field, induced electromotive force, magnetization of iron, potential of charged conductors, capacity of condensers, electrical units, conduction through gases, radioactivity, high frequency oscillations and electrical waves.

Light: propagation and photometry, reflection, refraction, lenses, optical instruments, spectra and color, interference and diffraction, and polarization of light.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Physics 10. Heat.

Temperature and thermometry, making and calibrating thermometers, expansion of solids, expansion of liquids, elasticity and thermal expansion of gases, calorimetry, specific heats of solids and liquids, heat equivalent of fusion and vaporization, critical states and transformation points, continuity of state, properties of vapors, mechanical laws applied in heat, first law of thermodynamics, the kinetic theory of gases, Van der Waals' theory, adiabatic transformation, Carnot's cycle, the second law of thermodynamics, applications of Carnot's theorem, internal work and the cooling of gases on free expansion, electrical measurements in heat, convection and conduction of heat, and radiation of heat.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Physics 20. Magnetism and Electricity.

Natural and artificial magnets; velocity, force, work, energy, and potential; the law of inverse squares, unit pole and field intensity; magnetic induction and fields of magnetic force; moments of magnets; terrestrial magnetism; static electricity; electric fields; electrostatic induction; capacity, condensers, specific inductive capacity; electrometers; electric machines; atmospheric electricity; voltaic cells; magnetic fields due to currents; galvanoscopes, galvanometers, electric dynamometers; resistance; electrical measurements; thermal effects of electric currents, electric energy and power, efficiency; thermo-electricity; magnetization of iron; electro-magnetic induction; alternating current; chemical effects of electric currents; theory of the voltaic cell, polarization, storage cells; discharge of electricity through gases; electromagnetic theory; electric oscillations, radio broadcast.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Physics 30. Light.

Fundamental properties of light; applications of the laws of reflection; applications of the laws of refraction; dispersion and chromatic aberration; optical constants of mirrors and lenses; spherical aberration and other phenomena; refraction of axial pencils by thick lenses; the human eye; vision through a lens; optical instruments and appliances, such as the interferometer, the sextant, microscopes, telescopes, and binoculars; velocity of light; vibrations and waves; the wave theory of light; the spectrum and its uses; radiation, absorption, and

dispersion; interference; diffraction; polarization and double refraction; theories of reflection and refraction; colors of crystalline plates; the photoelectric cell and television.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Physics 40. Mechanics and Sound.

General and special properties of matter; molecular forces; elasticity; motion of particles; various types of waves in different materials; modern wave mechanics; nature of sound wave; media of transmission of sound; reflection and refraction of sound; interference; laws of strings, plates and diaphragms, rods and plates; resonance; harmonics; audio frequencies in radio; the acoustics of buildings and other applications of the principles studied.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

SCHOLARSHIPS

Through the generosity of friends and patrons a number of scholarships are offered to deserving students. Unless special conditions are named by the founders, the only requirement governing the awarding of scholarships is, that the student shall be one who in scholarly ability will reflect credit upon the college.

The college reserves the right, however, to declare forfeited the scholarship of any student who fails to maintain membership in her official class of entrance.

The sum of \$4,000 is necessary to found a full perpetual scholarship, and \$800 for a four-year scholarship. To increase their efficiency in the work of collegiate education, the Sisters of St. Joseph earnestly solicit such foundations.

PERPETUAL SCHOLARSHIPS

The Bishop McDonnell Memorial, founded by the Right Reverend Thomas E. Molloy, D.D.

The Walters' Memorial, founded by Mr. John Walters.

The Saint Joseph's College Alumnæ.

The Brooklyn Circle, International Federation of Catholic Alumnæ.

The Block Memorial, founded by Mr. and Mrs. Gaston Block.

The Catherine Bradley-Murray Memorial, founded by Thomas E. and Joseph Murray.

The Sisters of Saint Joseph founded a Perpetual Scholarship.

The Very Reverend William T. McGuirl, LL.D., founded the Mother Mary Louis Perpetual Scholarship.

The Catherine Curtin Memorial, founded by the Hon. John J. Curtin, LL.D.

The Knapp Memorial, founded by Mrs. M. Knapp.

The Right Reverend Monsignor York founded the St. Brigid's Parish Scholarship.

FORM OF BEQUEST

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think most useful.

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of dollars, to be safely invested by it, and called the Scholarship Fund. The interest of this fund shall be applied to the aid of deserving students in Saint Joseph's College for Women.

Address all communications to the Registrar, St. Joseph's College for Women, 245 Clinton Avenue, Brooklyn, N. Y.





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